



03500.017725

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
FUMITAKA TOYOMURA, ET AL. : Examiner: Unassigned  
Application No.: 10/717,641 : Group Art Unit: 3748  
Filed: November 21, 2003 )  
For: PHOTOVOLTAIC POWER )  
GENERATING APPARATUS, :  
METHOD OF PRODUCING )  
SAME AND PHOTOVOLTAIC :  
POWER GENERATING )  
SYSTEM : May 4, 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the Japanese documents, together with English-language abstracts, are enclosed.

The Japanese documents are discussed at pages 3 to 6 and 19 of the specification, and U.S. Patent No. 4,773,944 is discussed at pages 6 and 7 of the specification.

U.S. Patent Nos. 6,184,457 and 6,479,744 are believed to be English-language counterparts of Japan 11-186572.

### FORMAL MATTERS

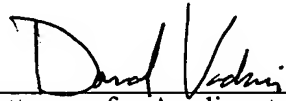
In accordance with 37 C.F.R. § 1.97(b), since a first Office Action on the merits of the subject application has not yet been issued, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is believed to be required for consideration of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee which may be required in connection with this paper to Deposit Account No. 06-1205. A duplicate of this paper is enclosed for that purpose.

### CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



---

Attorney for Applicants  
Damond E. Vadnais  
Registration No. 52,310

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3800  
Facsimile: (212) 218-2200  
DEV/vc

DC\_MAIN 161689v1

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date submitted to PTO: May 4, 2004				ATTY DOCKET NO. <b>03500.017725</b>		APPLICATION NO. <b>10/717,641</b>	
APPLICANT <b>Fumitaka TOYOMURA, et al.</b>							
FILING DATE <b>November 21, 2003</b>						GROUP <b>3748</b>	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,018,123	01/25/2000	Takada et al.	136	248	
		6,063,996	05/16/2000	Takada et al.	136	246	
		6,182,403 B1	02/06/2001	Mimura et al.	52	173.3	
		6,066,797	05/23/2000	Toyomura et al.	136	251	
		6,075,202	06/13/2000	Mori et al.	136	251	
		6,245,987 B1	06/12/2001	Shiomi et al.	136	244	
		6,093,884	07/25/2000	Toyomura et al.	136	244	
		6,207,889 B1	03/27/2001	Toyomura et al.	136	244	
		5,397,401	03/14/1995	Toma et al.	136	259	
		5,589,006	12/31/1996	Itoyama et al.	136	248	
		5,849,107	12/15/1998	Itoyama et al.	136	248	
		6,307,144 B1	10/23/2001	Mimura et al.	136	244	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		11-186572	07/09/1999	Japan			Abstract
		2000-112545	04/21/2000	Japan			Abstract
		8-70533	03/12/1996	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)  Date submitted to PTO: May 4, 2004				ATTY DOCKET NO. <b>03500.017725</b>		APPLICATION NO. <b>10/717,641</b>	
				APPLICANT <b>Fumitaka TOYOMURA, et al.</b>			
				FILING DATE <b>November 21, 2003</b>		GROUP <b>3748</b>	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,331,671 B1	12/18/2001	Makita et al.	136	244	
		6,437,235 B1	08/20/2002	Komori et al.	136	251	
		6,657,118 B2	12/02/2003	Toyomura et al.	136	244	
		6,515,215 B1	02/04/2003	Mimura	136	244	
		6,545,211 B1	04/08/2003	Mimura	136	244	
		6,479,744 B1	11/12/2002	Tsuzuki et al.	136	256	
		4,773,944	09/27/1988	Nath et al.	136	249	
		6,184,457 B1	02/06/2001	Tsuzuki et al.	136	256	
		2003/0049881 A1	03/13/2003	Takada et al.	438	62	
		2003/0075211 A1	04/24/2003	Makita et al.	136	244	
		2001/0040453 A1	11/15/2001	Toyomura et al.	324	332	
		2002/0179140 A1	12/05/2002	Toyomura	136	251	
		2003/0062078 A1	04/03/2003	Mimura	136	244	
		2003/0210562 A1	11/13/2003	Takehara et al.	363	24	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.